

**GOVERNMENT OF INDIA
MINISTRY OF HOUSING AND URBAN AFFAIRS
LOK SABHA
UNSTARRED QUESTION NO. 2002
TO BE ANSWERED ON DECEMBER 14, 2023**

KEY FEATURES OF A SMART CITY

NO. 2002. DR. AMAR SINGH:

Will the Minister of HOUSING AND URBAN AFFAIRS be pleased to state:

- (a) whether the Government subscribes to the view that some of the key features that must form part of a smart city are assured electricity supply including power from solar energy, adequate water supply including waste water recycling, sanitation including solid waste management, rain water harvesting, smart metering, robust IT connectivity and digitalisation, pedestrian friendly pathways, encouragement to non-motorised transport, intelligent traffic management and creating walkable localities;**
- (b) if so, the details of the steps that are proposed to be taken by the Government keeping in the mind that there is a need for more efficient, convenient and improved infrastructure to deliver a better quality of life for residents; and**
- (c) if not, the reasons therefor?**

**ANSWER
THE MINISTER OF STATE IN THE
MINISTRY OF HOUSING AND URBAN AFFAIRS
(SHRI KAUSHAL KISHORE)**

(a) to (c) : Government of India launched Smart Cities Mission (SCM) on 25 June 2015. 100 Smart Cities have been selected through 4 rounds of competition from January 2016 to June 2018. The objective of the Mission is to promote cities that provide core infrastructure and give decent quality of life to their citizens, clean and sustainable environment through application of smart solutions. Smart cities are supposed to act as lighthouses which create best practices that can be replicated in other cities.

As on 27 November 2023, work orders have been issued in 7,959 projects worth around ₹ 1,71,224 crore; of which 6,271 projects worth ₹ 1,16,269 crore have been completed. ₹ 78,749.88 crore has been released; of which ₹ 71,135.70 crore (90%) has been utilized.

Features expected to be part of a smart city include, inter alia, assured electricity supply including power from solar energy, adequate water supply including waste-water recycling, sanitation including solid waste management, rain-water harvesting, smart metering, robust IT connectivity and digitalization, pedestrian friendly pathways, encouragement to non-motorised transport, intelligent traffic management and creating walkable localities etc.

Under the Smart Cities Mission, cities have revamped economic infrastructure such as marketplaces, skill development centres etc. Some cities have rejuvenated heritage buildings, museums etc. In order to drive a positive shift towards renewable energy, cities are implementing solar electricity generation projects, wind energy projects, smart streetlights and solar-energy based streetlights etc. Smart Cities are making widespread use of Information Technology in setting up Integrated Command & Control Centres (ICCCs), Integrated Traffic Management Systems (ITMS), Surveillance systems (CCTVs) etc.

In order to enhance walkability & increase the use of non-motorized and public transport, Smart Cities are implementing Smart Mobility projects. In order to promote inclusive development, smart cities are building social infrastructure such as schools, colleges, wellness centers etc. Smart Cities are also implementing projects such as development of Open-Air Gymnasiums, parks, riverfront, stadium, gyms etc., to create vibrant public spaces. Further, Smart Cities are also implementing a number of Smart Water and Smart Wastewater projects. The sector-wise breakup of key projects is as under:

(Amount in ₹ crore)

Significant Projects under SCM	Number of Projects	Project cost
Economic Infrastructure	937	13,803.09
Smart Energy	687	14,618.18
Smart Governance	684	17,568.67
Smart Mobility	1,681	41,030.91
Social Infrastructure	873	12,686.32
Vibrant Public Spaces	1,377	12,829.57
Water Sanitation & Hygiene (WASH)	1,525	54,520.96

(Source: Geo Spatial Management Information System as on 27 November 2023)

The learnings from the Mission are disseminated through various mechanisms. There have been 4 editions of India Smart City Awards (ISACs) wherein best cities, projects and innovations have been recognized. As part of each edition, a compendium of award winning projects is published. The Mission has published numerous publications, newsletters, advisories, documents focused on various works that have happened under its umbrella. These documents are useful for all towns and cities of the country. The Mission uses platforms like national and regional conferences, seminars and webinars for peer-to-peer learning. Besides these activities, various outcome indices like the Ease of Living Index have been formulated under the Mission which act as platforms for cross-learning among cities.
